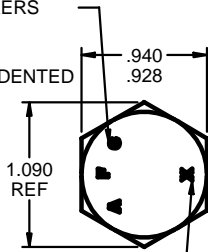
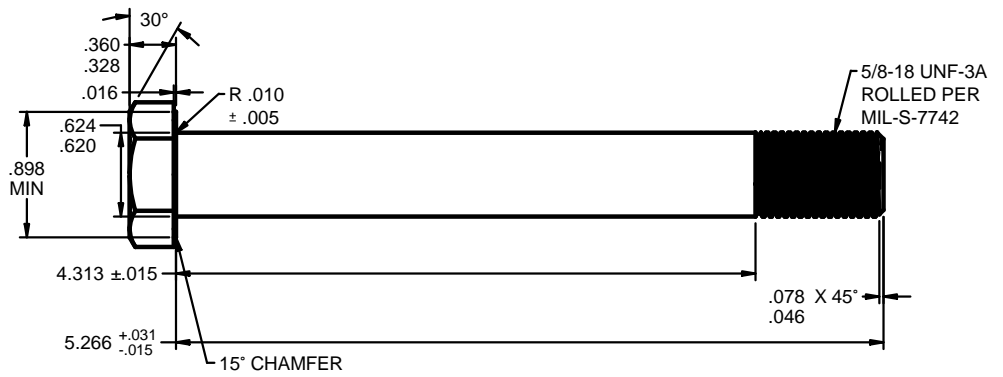


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



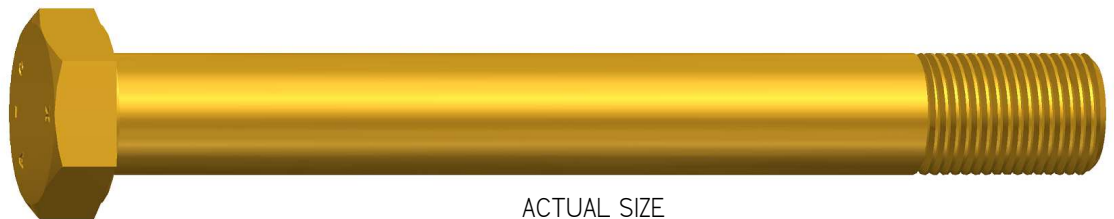
"X" ALLOY STEEL  
GRADE MARK



SCALE: 0.7X

**DESIGN NOTES: AN10-51A AIRFRAME BOLT**

1. LENGTH 5-17/64" (5.266"), GRIP 4-5/16" (4.313"), THREAD 5/8-18 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. MATERIAL ALLOY STEEL PER PROCUREMENT SPECIFICATION.  
UNS G40370 AMS6300 DFAR EXEMPT  
UNS G87400 AMS6322 DFAR APPLIES  
UNS G41400 AMS6382 DFAR APPLIES  
UNS G41300 AMS-S-6758 DFAR APPLIES
4. HEAT TREAT AMS-2759 HRC 26-32.
5. FINISH CADMIUM PLATED PER AMS-QQ-P-416, TYPE 2 (YELLOW), CLASS 2.
6. THREADS 5/8-18 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 30,100 LBS. [133,891 N] MIN.
8. YIELD 23,080 LBS. [102,665 N] MIN.
9. SINGLE SHEAR 23,000 LBS. [102,309 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 10-51 C2 CADMIUM TYPE 2 YELLOW PLATING  
AFC 10-51 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
AFC 10-51 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
↑ LENGTH 5.266"  
↑ BODY SIZE & THREAD .625-18 UNF-3A  
↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN10-51A

|   |  |         |   |                                     |   |
|---|--|---------|---|-------------------------------------|---|
| DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW, DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982 | PROPRIETARY PARTS SHOWN IN THIS DRAWING ARE THE SUBJECT OF ISSUED UNITED STATES AND FOREIGN PATENTS AND PATENTS PENDING. UNAUTHORIZED REPRODUCTION AND/OR DISTRIBUTION OF THIS DRAWING IS STRICTLY PROHIBITED. |         | <b>AIRFASCO.com</b><br>2655 HARRISON AVE SW, CANTON, OHIO 44706 USA |                                     |   |
|   | APPROVALS  |         | DATE  | PART NUMBER: AN10-51A_AFC10-51C2    | REV                                     |
| ANGLES ±5°  | DRAWN M.B.   | 2/19/15 | SIZE A  | MATERIAL: 4037 / 8740 OR AS NOTED   | EST. WEIGHT: .517 / EACH LBS. [234.7 g] |
| .XX ±.03"   | CHECKED T.W.   | 2/19/15 | SCALE: 0.7X   | DRAWING NUMBER: AN10-51A_AFC10-51C2 |   |
| .XXX ±.010"   | ENG APPR B.E.  | 2/19/15 | SHEET 1 OF 1  |                                     |   |
| .XXXX ±.001"  | MGR APPR D.D.  | 2/19/15 |   |                                     |   |